

ED

Notice of Allowability

Application No.

10/726,834

Examiner

Scott E. Jones

Applicant(s)

LEE, CHIOU-HAUN

Art Unit

3714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the reply dated 7/16/07.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

REASONS FOR ALLOWANCE

1. Claims 1-19 are allowed.
2. The following is an examiner's statement of reasons for allowance: The prior art fails to disclose, teach, or fairly suggest the claimed invention. In particular, the prior art fails to disclose, teach, or fairly suggest a method for controlling diffusive game, comprising: a diffusive space, being comprised of a plurality of regions divided into valid regions and invalid regions, and a game being played on said valid regions; a plurality of variables, for being put into said regions and producing an action in said region; wherein the variable having an internal value, so that each variable having its different mode according to said internal value; a diffusive data processing unit for performing a relational operation on the internal values of the variables of said diffusive space and said regions, and also producing diffusive operations; and said method for controlling diffusive game setting one of said diffusive spaces as the triggering region, and a specific action of said variable as the triggering action; thereby if a player driving said variable to produce a triggering action, then said diffusive data processing unit using said triggering region as the starting point to diffusive to each adjacent areas in the diffusive direction, and completing the diffusion and relational operation of each variable as recited in Claim 1.

A player action, such as a put-in, take-out, move, stack, or rotation of a variable, enables the internal value of the rest variable around the triggering region to trigger to produce a diffusive operation. The game thus allows for more variation because the data processing unit uses the triggering region as a starting point to diffuse and transmit to each adjacent region according to the diffusive directions, and complete the diffusion and relational operation of the variables. Consequently, the diffuse game has many different solutions for the same game such

Art Unit: 3714

that a player can solve a puzzle by many different methods keeping the game entertaining for an extended period of time.

3. Applicant's arguments, see page 3, filed 7/16/07, with respect to the abstract has been fully considered and are persuasive. The objection of the abstract has been withdrawn.

4. Applicant's arguments, see page 4 and the replacement drawing sheets, filed 7/16/07, with respect to the drawing objections have been fully considered and are persuasive. The drawing objections have been withdrawn.

5. Applicant's arguments, see the new oath, filed 7/16/07, with respect to the objection to the Declaration has been fully considered and are persuasive. The objection of the Declaration has been withdrawn.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott E. Jones whose telephone number is (571) 272-4438. The examiner can normally be reached on Monday - Friday, 8:30 A.M. - 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert E. Pezzuto can be reached on (571) 272-6996. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3714

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Scott Jones/
Primary Examiner, Art Unit 3714

SEJ